

NEBRASKA WEATHER & CROPS



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For Week Ending August 22, 1999

Issue: 24-99

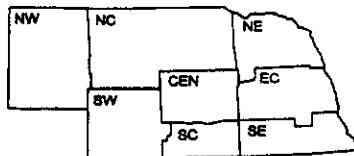
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National Weather Service



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WEATHER

Temperatures for the week were near normals across the entire State. Precipitation occurred across the State with regional averages ranging from fourteen hundredths in the Northeast to one and thirty-four hundredths inches in the Southwest.

GENERAL

High winds and fast, heavy rain were reported over portions of South Central Nebraska during the week, causing soil erosion and some greensnap in corn, according to the Nebraska Agricultural Statistics Service. Elsewhere, crops were needing moisture and irrigation was in full swing. Western producers were busy with seedbed preparation for wheat. Volunteer stands of wheat were a concern in hail damaged wheat fields because of the possibility wheat curl mites may use the stands as a summer host. Limited silage cutting was reported on lighter soils in the north and seed corn harvest was expected to get underway in the next couple weeks. Other producer activities included moving grain to market, equipment preparation for harvest, preconditioning calves before weaning, haying, storm cleanup and livestock care.

CROPS

Corn conditions rated 1% very poor, 4% poor, 20% fair, 58% good, and 17% excellent. Dryland corn rated 65% and irrigated corn rated 80% in good and excellent conditions. Corn reaching dough stage was at 84%, same as last year, but ahead of 74% average. Corn dented moved to 27%, behind 37% last year and near 25% average. Insect problems in stored grain were resulting in some loads getting docked.

CROPS (Cont.)

Soybeans setting pods moved ahead to 92%, behind last year's 96% but near 90% average. Soybean conditions rated 2% very poor, 7% poor, 25% fair, 53% good, and 13% excellent. Coloring was noted on 2% of the acreage, compared to 4% last year and average. Irrigators were applying water to gain maximum pod fill.

Sorghum heading was near completion at 88%, behind last year's 96% and 89% average. Sorghum turning color moved ahead slowly to 10%, compared to 18% a year ago and 16% average. Sorghum conditions rated 3% very poor, 7% poor, 27% fair, 57% good, and 6% excellent.

Nearly all the **dry bean** crop, 98%, was setting pods, ahead of 78% last year and 92% average. Dry bean conditions rated 1% very poor, 3% poor, 24% fair, 67% good, and 5% excellent.

Alfalfa conditions rated 1% very poor, 5% poor, 21% fair, 60% good, and 13% excellent. Alfalfa third cutting was 62%, behind last year's 66%, but ahead of 53% average.

Wild Hay conditions rated at 4% poor, 17% fair, 62% good, and 17% excellent.

LIVESTOCK, PASTURE & RANGE

Pasture and range conditions rated 2% very poor, 6% poor, 19% fair, 60% good, and 13% excellent. Cooler evening temperatures and lower humidity were helping fat cattle stress and gains. In areas where rain was received, pastures were regaining some grazing potential, however, many areas in the east and north were in need of moisture.

CROP PROGRESS AS OF AUGUST 22, 1999	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% Soybeans Setting Pods	n/a	97	89	90	94	92	94	92	92	77	96	90
% Soybeans Turning Color	0	0	0	6	4	3	1	0	2	n/a	4	4
% Corn Dough	44	77	79	84	84	93	91	94	84	70	84	74
% Corn Dented	1	20	19	22	35	33	24	37	27	12	37	25
% Sorghum Headed	n/a	97	98	76	88	92	86	89	88	71	96	89
% Sorghum Turning Color	n/a	3	0	8	9	8	5	13	10	5	18	16
% Dry Beans Setting Pods	98	91	n/a	76	n/a	99	n/a	n/a	98	74	78	92
% Alfalfa Thrd Cutting	12	70	78	60	75	64	65	85	62	43	66	53
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF AUGUST 20, 1999												
Days suitable	6.6	5.0	6.5	6.0	5.6	3.4	3.8	5.3	5.4	4.6	6.1	
Topsoil moisture - Very Short	0	5	17	6	1	0	2	5	5	4	2	
(Percent) - Short	24	28	24	29	19	12	17	29	22	15	25	
- Adequate	76	67	57	63	76	85	75	66	71	77	69	
- Surplus	0	0	2	2	4	3	6	0	2	4	4	
Subsoil moisture - Very Short	0	10	7	5	1	1	2	4	3	3	2	
(Percent) - Short	19	23	23	20	31	10	24	38	23	18	23	
- Adequate	81	67	69	73	66	89	74	58	73	78	73	
- Surplus	0	0	1	2	2	0	0	0	1	1	2	

n/a = not available

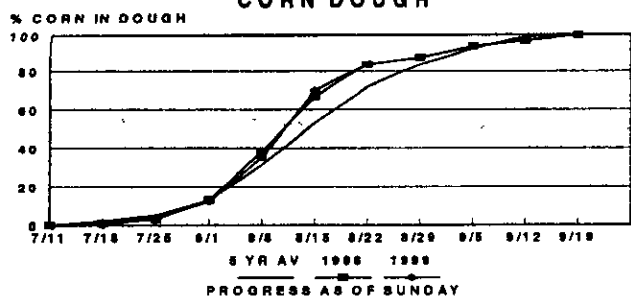
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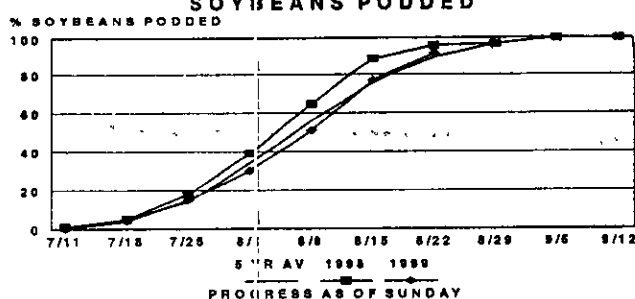
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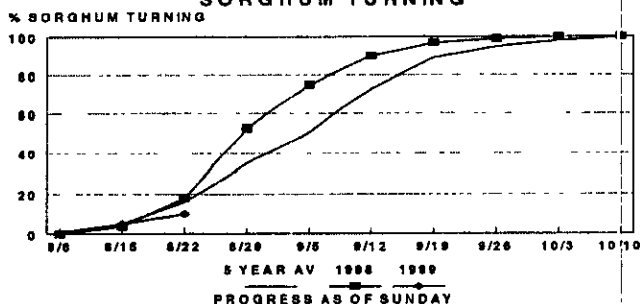
CORN DOUGH



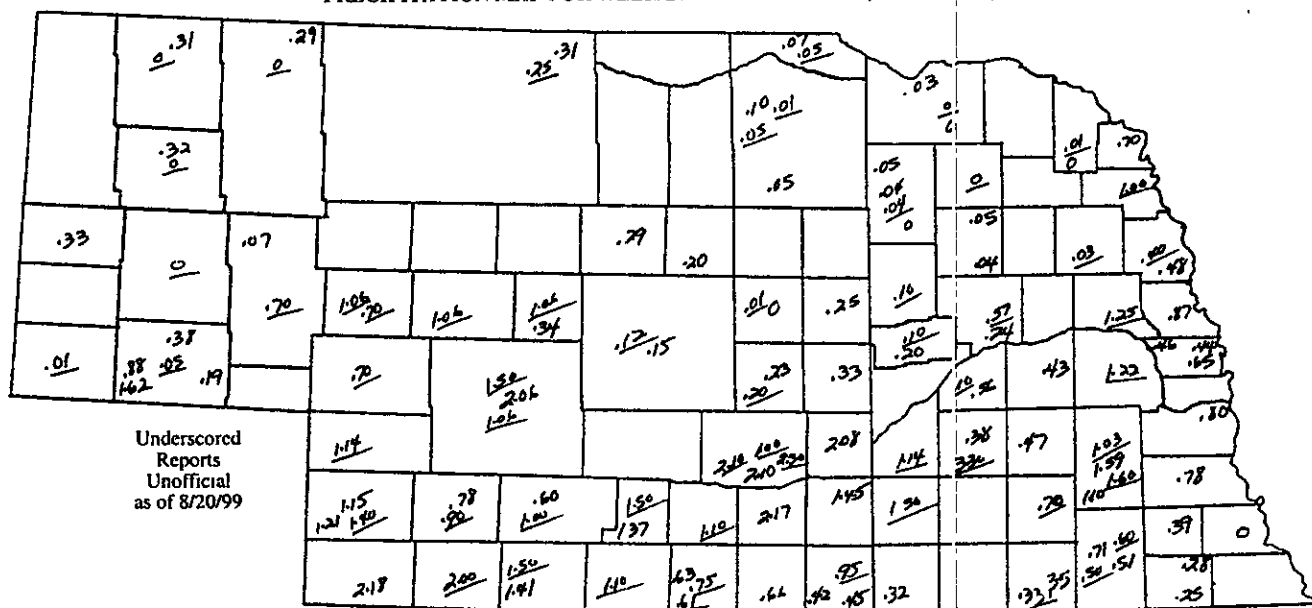
SOYBEANS PODDED



SORGHUM TURNING



PRECIPITATION MAP FOR WEEK ENDING SATURDAY, AUGUST 21, 1999



PRECIPITATION, APRIL 1 - AUGUST 21, 1999

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.49	.19	.14	.73	.63	1.34	1.02	.40
Total since April 1	13.96	16.02	21.27	20.45	23.60	16.68	20.14	20.15
Normal since April 1	11.36	13.92	15.61	15.29	16.77	13.06	15.24	17.15
Total as % of normal	123%	115%	136%	134%	141%	128%	132%	117%

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SATURDAY, AUGUST 21, 1999

WEEK ENDING SATURDAY, AUGUST 21, 1999									
Station		Temperature				Precipitation	Growing Degree Data Since April 15		
		Extremes		Mean	Departure	Total Inches	Last Week	Current	Normal
		Max	Min						
NW	Chadron	98	50	74	---	31	---	---	---
	Scottsbluff	96	53	74	+2	33	145	1959	1996
	Sidney	94	53	73	---	83	148	1863	2047
NC	Valentine	101	46	74	+2	31	---	---	---
	Arthur	---	---	---	---	---	152	1953	2154
	O'Neill	---	---	---	---	---	153	2064	2291
NE	Norfolk	89	52	72	0	05	---	---	---
	Sioux City	88	52	71	-2	70	---	---	---
	Concord	---	---	---	---	---	143	2130	2340
	Elgin	---	---	---	---	---	148	2075	2342
	West Point	---	---	---	---	---	142	2168	2468
CEN	Grand Island	97	53	73	-1	203	153	2229	2369
	Ord	94	50	72	---	0	151	2148	2353
	Kearney	---	---	---	---	---	153	2202	2345
EC	Lincoln	93	57	75	0	159	170	2415	2588
	Omaha	87	58	73	0	44	---	---	---
	Central City	---	---	---	---	---	147	2198	2404
	Mead	---	---	---	---	---	152	2284	2552
SW	Imperial	94	51	74	---	1.15	---	---	---
	North Platte	92	53	72	0	2.06	158	2116	2223
	Curtis	---	---	---	---	---	157	2160	2256
SC	Holdrege	---	---	---	---	---	159	2237	2328
	Red Cloud	---	---	---	---	---	175	2533	2396
SE	Beatrice	---	---	---	---	---	162	2330	2589
	Clay Center	---	---	---	---	---	155	2201	2391

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln